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c/2 to a/1 OACSFOR ltr 30 Sep 1980

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DEPARTMENT OF THE ARMY  
OFFICE OF THE ADJUTANT GENERAL  
WASHINGTON, D.C. 20310

(4)

IN REPLY REFER TO

AGAM-P (M) (5 Dec 66) FOR OT RD 660249

8 December 1966

SUBJECT: Operational Report - Lessons Learned, HQ, 184th Ordnance Battalion

TO: SEE DISTRIBUTION

1. Forwarded as inclosure is Operational Report - Lessons Learned, Headquarters, 184th Ordnance Battalion (Ammunition) (Direct Support). Information contained in this report should be reviewed and evaluated by CONARC in accordance with paragraphs 6c and d of AR 1-19. Evaluations and corrective actions should be reported to ACSFOR OT within 90 days of receipt of covering letter.
2. Information contained in this report is provided to the Commandants of the Service Schools to insure appropriate benefits in the future from lessons learned during current operations, and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

*Kenneth G. Wickham*

1 Incl  
a/s

KENNETH G. WICKHAM  
Major General, USA  
The Adjutant General

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FOR OT RD  
660249

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HEADQUARTERS  
184TH ORDNANCE BATTALION (AMMUNITION) (DIRECT SUPPORT)  
APO 96238

AVCA QN-184ORD-CO

14 August 1966

SUBJECT: Operational Report for Quarterly Period Ending 31 July 1966,  
RCS CSFOR-65.

THRU: ~~Commanding General~~ *RBS*  
~~US Army Support Command, Qui Nhon~~  
~~ATTN: AVCA QN-GO (Historian)~~  
~~APO 96238~~

Commanding General  
1st Logistical Command  
ATTN: AVCA-GO-0  
APO 96307

Commanding General  
United States Army, Vietnam  
ATTN: AVC (DH)  
APO 96307

Commanding General  
United States Army, Pacific  
ATTN: GPOP-MH  
Fort Shafter, Hawaii  
APO 96558

TO: Asst Chief of Staff for Force Development  
Department of the Army (ACSFOR, DA)  
Washington, D.C. 20310

SECTION I

SIGNIFICANT ORGANIZATIONAL ACTIVITIES

During the reporting period the 184th Ordnance Battalion (Ammunition)

FOR OT RD  
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(Direct Support) continued performing its mission as a conventional ammunition battalion and also the additional responsibilities of Directorate of Ammunition for the US Army Support Command, Qui Nhon.

On 29 June 1966, LTC Robert W. Stacks assumed command of the 184th Ordnance Battalion (Ammunition)(Direct Support).

On 1 August 1966, in conjunction with a request from this headquarters, the 661st Ordnance Company (Ammunition) was moved from An Khe to Valley "E", Phu Thanh, and attached to the battalion. This unit was attached to supplement the 820th Ordnance Company (Ammunition) which was struggling under a greatly increased workload at the Qui Nhon Ammunition Supply Depot and the Qui Nhon Ammunition Supply Point. Also on 1 August 1966, the 205th Ordnance Platoon (Ammunition) was detached from the battalion and moved to An Khe, to assume the ammunition support of the 1st Air Cavalry Division.

During the reporting period, two (2) mortar renovation facilities were established to renovate 81mm and 60mm mortar ammunition. One renovation line was established at Pleiku on 17 May 1966. The other renovation line was established at Qui Nhon on 20 June 1966. The renovation facility at Pleiku was closed on 28 July and personnel and equipment were relocated to Qui Nhon. Mortar ammunition is being renovated by replacement of the M52 series fuze with the M525 fuze, and on some lots, by replacement of fin assemblies when such replacement is required. To date a total of 65,000 rounds of 81mm mortar ammunition has been renovated.

The following operations were supported by units of this battalion during this reporting period:

<u>OPERATION</u>	<u>DURATION</u>	<u>S/T ISSUED</u>	<u>DAILY AVG ISSUED</u>
Davy Crockett	13 days	991.1	77 S/T
Crazy Horse	17 days	3419.7	201.2 S/T
Hooker I	13 days	745.3	57.3 S/T
Hawthorne/Beauregard	12 days	3035.9	252.8 S/T
Paul Revere	59 days	2627.0	44.5 S/T
Henry Clay	20 days	1073.5	53.7 S/T
Hayes—Currently in progress, being supported by this unit. To date, a total of 116 S/T of ammunition have been issued to this operation. Ammunition receiving, shipping, and resupply were coordinated by the battalion's Materiel and Stock Control sections, during all of the supported operations.			

The EOD section has completed 189 incidents, and has maintained constant liaison with supported units. The section has provided personnel

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to augment the 85th EOD at Pleiku and the 25th EOD at An Khe. The EOD section has also provided EOD support to Tuy Hoa for operations in that area.

Tactical operations normally require that a Logistical Task Force be deployed in direct support of the combat elements. Class V personnel and MHE are an integral part of each Logistic Task Force. Each ammunition company can provide personnel for one task force without significantly affecting mission capability, however, the lost MHE does affect the capabilities during peak periods. There have been as many as four task forces deployed simultaneously in which case Class V personnel from the Qui Nhon Ammunition Depot and the battalion headquarters must be levied.

Following are the quantities in short tons on hand at the beginning of the reporting period, receipts, issues, and quantities on hand at the end of the current reporting period; along with the current stockage objectives.

	<u>BOH</u>	<u>REC</u>	<u>ISS</u>	<u>EBOH</u>	<u>S/O</u>
QN Depot	15,701	44,940.8	42,258.0	18,577.1	27,239
An Khe	4,495	10,966.1	99,216.5	6,967.8	8,172
Pleiku	4,209	11,192.3	10,091.3	5,387.8	5,448
USASC, QN	24,855	67,099.2	61,565.8	30,932.7	40,859

Storage capabilities as of 31 July are as follows:

	<u>QUI NHON</u>	<u>AN KHE</u>	<u>PLEIKU</u>
TONS	27,200*	4,300	5,000
ACRES	566*	320	25

\*Includes old ASP (11,000 S/T)

Storage capabilities required for Stockage Objectives as of 31 July are as follows:

TONS	27,239	8,172	5,448
ACRES	303	91	61

There are no Class V critical items in USASC, Qui Nhon. (Those items which are at 25% or more below stockage objective).

During this reporting period, 127 C-130 sorties were flown, for a

total lift of 1,342.2 short tons. Airlift accomplished as indicated below:

<u>OPERATION</u>	<u>NR SORTIES (C-130)</u>	<u>FROM</u>	<u>TO</u>	<u>TONS LIFTED</u>
Hawthorne	103	Qui Nhon	Dak To	1,246.8
Beauregard	5	Qui Nhon	Dak To	21.5
Henry Clay	2	Qui Nhon	Ban Bleck	23.9
Hayes	17	Qui Nhon	Dak To	50.0

During this reporting period, 9 Sea-Shippments (LST) were made, for a total shipment of 2,376.8 short tons.

Stockage objectives are based on the Theater Supply Rates, furnished by 1st Log Comd. Stockage objectives for operations are based on Theater Combat Rates, also furnished by 1st Log Comd. Stockage objective for USASC, Qui Nhon, was changed during the reporting period to reflect new day of supply requirements, including support of additional units assigned to USASC, Qui Nhon. The stockage objective is now in the process of revision incorporating both new Theater Supply Rates and support of incoming units.

Following is the construction progress within USASC, Qui Nhon:

a. The Qui Nhon Ammunition Depot has, at present, 49 storage pads, 30' X 70', completed (Phase I). Phase II has 30 pads, 40' X 100' completed. The entire project of 103 storage pads and 2 igloos has an EDC of 30 Sep 66, and will afford a capacity of 29,000 tons. 30 additional storage pads have been requested, (40' X 100') which will increase the capacity to 39,000 tons.

b. The latest EDC for the Pleiku ASP is 20 Aug 66. When completed it will have a capacity of approximately 5,000 tons. Construction of a 40 pad ASP with a capacity of 14,000 tons, has been requested near Camp St. Barbara.

c. At the An Khe ASP, construction of 6 additional pads, and improvement of the 21 existing pads are scheduled to begin within the next few days. This should increase storage capacity from the present 4,300 tons to approximately 11,000 tons.

A major problem has been the overcrowded storage conditions at ASP's in USASC, Qui Nhon. This problem is increasing in size and significance. The projected stockage objective through 1 Mar 67 is 64,237 tons for USASC, Qui Nhon and the projected storage capacity is 65,000 tons. The present stockage objective is 48,837 tons and the present storage capacity is 35,000 tons. This current problem will be eliminated by construction efforts now in progress, and the requested construction efforts will alleviate the projected storage problem.

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Unit training continues on an "on the job training" basis due to the battalion's 24 hour operation.

## SECTION II

### COMMANDERS OBSERVATIONS AND RECOMMENDATIONS

#### PART 1-OBSERVATIONS (LESSONS LEARNED)

##### Ammunition Packing

Item: Ammunition packing containers, materials, and pallets.

Discussion: Using units are not returning significant quantities of packing containers, materials, and projectile pallets generated by expenditures. Packing materials are required in the conduct of normal maintenance operations by ammunition units.

Observation: All ammunition packing material should be returned to ammunition supply point by the using unit(s).

##### Communications Equipment

Item: Need for Rectifiers.

Discussion: In order to effectively operate an FM radio net for emergency alert notification and for command and operational control of outlying units, in case of telephone failure, the net must be monitored at each location continuously. Due to transportation requirements it is impractical to use vehicle mounted radios for this purpose.

Observations: FM radios such as the AN/VRC-9's and 10's have been powered by two 12V jeep batteries wired in series at fixed stations. However, without trickler chargers, the batteries soon drop in voltage. A battery can be recharged a limited number of times. Battery resupply is limited and trickler chargers cannot be obtained. An excellent power supply was found in a rectifier which supplies power for the blower in a shop van. The noun nomenclature and FSN for this item are as follows:

**CONVERTER: HEATER AND EXHAUST BLOWER, ASSEMBLY; FSN 2540-040-1976.**  
A description of this rectifier is found on page 198 of TM 9-2320-209-35, dated October 1962. The rectifier converts 120V A.C. to 24V D.C. Few of these rectifiers are available. No substitute has been found. The importance of a radio's power supply is magnified when the security of isolated units and depots depends on reliable communications.

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SECTION II

PART 2-RECOMMENDATIONS

1. Construction: Recommend that command coordination be directed to establish the highest priorities for ASP construction efforts, to insure adequate storage is available to meet the projected stockage objectives.

2. General: Since this unit's arrival in Vietnam it has not yet failed to accomplish its assigned missions of both an Ammunition Battalion Headquarters and Directorate of Ammunition. With the exception of the recommendation mentioned in Par 1 above, there are no recommendations of operational significance to be made at this time.

TEL: QNL 173



ROBERT W. STACKS  
LTC, OrdCorps  
Commanding

AVCA-QN-GO(14 Aug 66) 1st Ind  
SUBJECT: Operational Report for Quarterly Period Ending 31 July 1966,  
RCS CSFOR-65

HEADQUARTERS, US ARMY SUPPORT COMMAND, QUI NHON, APO 96238 28 AUG 1966

TO: Commanding General, 1st Logistical Command, ATTN: AVCA-GO-0, APO 96307

1. The enclosed report is considered adequate.
2. ASP construction within this command is continuing at a rapid rate. The construction has been given a high priority and will meet the command projected requirements upon completion.

FOR THE COMMANDER:



QNL 167

H.S. NEWPORT  
CPT, AGC  
Assistant Adjutant General

AVCA GO-H (14 August 1966) 2d Ind  
SUBJECT: Operational Report for Quarterly Period Ending 31 July 1966  
(nUS CSFOR-65)

HEADQUARTERS, 1ST LOGISTICAL COMMAND, APU 96307

18 SEP 1966

TO: Commanding General, United States Army, Vietnam, ATTN: AVHGC-DH

1. Forwarded in accordance with AR 1-19 and USArv Regulation 870-2.

2. Concur with the comments and recommendations of the commander with the following amplification.

a. Reference Section II Part I Item Ammunition Packing:  
Implementing instructions were issued 9 April 1966 by Headquarters USARV, MSG, AVD-AM 090931 DTG 090950 2 April, Subject: Packing material for ammunition. This message requested all addressees take necessary action to return ammo packing material to supporting ASP's as soon as possible and on a continuing basis.

b. Reference Section II Part I Item Need for Rectifiers: The unit has been advised to request Power Supply PP 34 be issued to operate radios employed in fixed positions utilizing commercial power. Further, that when the unit radios are converted to the new serial FM Radios (AN/FRT-12), Power Supply PP 2953 which has been designed to convert 110 AC to 24V DC to power the new radios should be requested.

c. Reference Section II Part II paragraph 1: To insure the highest priority for ammunition pad construction, this headquarters supported the project at the Facilities Review Board meeting at USARV which establishes priorities of construction at Pleiku, An Khe and Qui Nhon.

FOR THE COMMANDER:



GLENN A. DOYLE  
Capt., AGC  
Asst. AG

TEL: Lynx 834

AVHGC-DH (14 August 1966) 3d Ind  
SUBJECT: Operational Report-Lessons Learned for the Period Ending 31  
July 1966 (RCS CSFOR-65)

HEADQUARTERS, UNITED STATES ARMY, VIETNAM, APO San Francisco 96307

13 OCT '66

TO: Commander-in-Chief, United States Army, Pacific, ATTN: GPOP-MH  
APO 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned of the 184th Ordnance Battalion (AMMO)(DS) as indorsed and provides the following comments concerning the 2d Indorsement.

2. Reference Paragraph 2a: Directives concerning the return of packing materials and pallets have resulted in some improvement in the return of these items to depots and supply points. Material not returned is used for base camp improvement in the construction of barracks, flooring, sheds, sidewalks, etc. The problem is not primarily lack of lumber but the non-availability of sufficient shipping from CONUS to RVN. The Limited discharge capabilities in RVN and the necessity of extending priority to items more critical than lumber have contributed to this problem. Because of these limitations, lumber receipts have been restricted to 90,000 measurement tons per month. The 1st Logistical Command is arranging, through civilian contractors, for the reconsignment of excess lumber stockage that accrues from curtailment of construction projects. This program will be monitored to determine its significance.

3. Reference Paragraph 2b: The 184th Ordnance Battalion is scheduled to receive the new series FM radios in the near future. The PP-2953 Power Supply will satisfy the Battalion's requirement for operating radios from a fixed position using 110 volt A.C.

4. Reference Paragraph 2c: Current construction will meet command requirements for ASP construction upon completion.

FOR THE COMMANDER:

  
W. R. AUTRY  
1st Lt, AGC  
Asst Adjutant General

GPOP-OT(14 Aug 66)

4th Ind

SUBJECT: Operational Report-Lessons Learned for the Period Ending  
31 July 1966 (RCS CSFOR-65)

HQ, US ARMY, PACIFIC, APO San Francisco 96558

21 NOV 1966

TO: Assistant Chief of Staff for Force Development, Department of the  
Army, Washington, D. C. 20310

This headquarters concurs in the basic report as indorsed.

FOR THE COMMANDER IN CHIEF:



D. A. HARRISON  
Capt, AGC  
Asst AG